

Agency - Ramresh Prabhakar

Agno - 14 SEP/2020-21

Mather Samudayik Bhawan Se  
Kannurandal M.M.G.S.Y(G.C

# Measurement Book

Schedule XLV-Form No. 134

Khagania

DIVISION

Khagania

SUB-DIVISION

1082

| Particulars                                             | Details of actual measurement |        |       |                       | Contents of area       |
|---------------------------------------------------------|-------------------------------|--------|-------|-----------------------|------------------------|
|                                                         | No.                           | L.     | B.    | D.                    |                        |
| Name of Road:- Mathura Sam-                             |                               |        |       |                       |                        |
| - width 30.00 m. as per                                 |                               |        |       |                       |                        |
| - Mandal Gola.                                          |                               |        |       |                       |                        |
| Scheme:- MMGSY (SC)                                     |                               |        |       |                       |                        |
| Agency:- Ramesh Prabhakar                               |                               |        |       |                       |                        |
| At:- Samastipur, Kalyanpur                              |                               |        |       |                       |                        |
| Dist:- Samastipur                                       |                               |        |       |                       |                        |
| Agreement no.- 14350/2020-21                            |                               |        |       |                       |                        |
| Date of start:- 28.08.2020                              |                               |        |       |                       |                        |
| Date of completion:- 27.08.2021                         |                               |        |       |                       |                        |
| 1) Providing and fixing of m.p.                         |                               |        |       |                       |                        |
| - as per drawing as per specification                   |                               |        |       |                       |                        |
| = 7 Nos.                                                |                               |        |       |                       |                        |
| 2) Clearing and grubbing of road level for material.    |                               |        |       |                       |                        |
| mopane including as per                                 |                               |        |       |                       |                        |
| 2x                                                      | 13x                           | 30.0x  | 3.50x | 2730.00m <sup>2</sup> |                        |
| 2x                                                      | 12x                           | 30.0x  | 3.50x | 2520.00m <sup>2</sup> |                        |
| 2x                                                      | 1x                            | 19.00x | 3.50x | 133.00m <sup>2</sup>  |                        |
|                                                         |                               |        |       | Total=                | 5382.00                |
|                                                         |                               |        |       |                       | 14202.00m <sup>2</sup> |
|                                                         |                               |        |       | 0.538                 |                        |
|                                                         |                               |        |       | = 1.44 ft. 1000.      |                        |
| 3) Earth work for excavation for foundation as per plan |                               |        |       |                       |                        |
| Ch:- 17.35 m. (MPC 600 mm dia)                          |                               |        |       |                       |                        |
| 2x                                                      | 3.90x                         | 1.50x  | 1.50x | 13.66m <sup>3</sup>   |                        |
| 1x                                                      | 5.35x                         | 1.18x  | 0.40x | 2.42m <sup>3</sup>    |                        |
|                                                         |                               |        |       | Total=                | 16.08 m <sup>3</sup>   |

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|-------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                       | No.                           | L. | B. | D. |                  |
| <u>ABSTRACT OF COST</u>                               |                               |    |    |    |                  |
| (1) Providing and fixing of working benches as - do   |                               |    |    |    |                  |
| 2 Nos. vide TMB, P-12                                 |                               |    |    |    |                  |
| @ 3856.56/No. ₹                                       |                               |    |    |    | 7713.200         |
| (2) Providing and fixing of reference pillars as - do |                               |    |    |    |                  |
| 2 Nos. vide TMB, P-12                                 |                               |    |    |    |                  |
| @ 1764.37/No. ₹                                       |                               |    |    |    | 12350.00         |
| (3) Clearing and grubbing road land by manual         |                               |    |    |    |                  |
| 0.882 Hec. vide TMB, P-12                             |                               |    |    |    |                  |
| + 0.538 Hec. " " P-16                                 |                               |    |    |    |                  |
| 1.42 Hec. @ 49496.70/Hec. ₹                           |                               |    |    |    | 70285.00         |
| (4) Construction of embankment with material - do     |                               |    |    |    |                  |
| 6125.95 m <sup>3</sup> vide TMB, P-12                 |                               |    |    |    |                  |
| + 7911.16 m <sup>3</sup> " " P-26                     |                               |    |    |    |                  |
| 14037.11 m <sup>3</sup> @ 174.83/m <sup>3</sup> ₹     |                               |    |    |    | 2454108.00       |
| (5) Construction of subgrade and earthen shoulder     |                               |    |    |    |                  |
| 813.00 m <sup>3</sup> vide TMB, P-24                  |                               |    |    |    |                  |
| @ 176.97/m <sup>3</sup> ₹                             |                               |    |    |    | 143470.00        |
| (6) Construction of concrete sub-base by providing    |                               |    |    |    |                  |
| 668.75 m <sup>3</sup> vide TMB, P-13                  |                               |    |    |    |                  |
| + 301.82 m <sup>3</sup> " " P-19                      |                               |    |    |    |                  |
| 970.57 m <sup>3</sup> @ 2158.84/m <sup>3</sup> ₹      |                               |    |    |    | 1663537.00       |

Continuation

| Particulars                                                          | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                      | No.                           | L. | B. | D. |                  |
| 58) Reinforcing, laying and concrete<br>- masonry work in wall - do. |                               |    |    |    |                  |
| 357.57 m <sup>3</sup> vide TMB, P-23                                 |                               |    |    |    |                  |
| + 226.35 m <sup>3</sup> " " P-21                                     |                               |    |    |    |                  |
| 577.92 m <sup>3</sup> @ 2587.11/m <sup>3</sup> ₹ 1495143.00          |                               |    |    |    |                  |
| 59) Construction of concrete<br>- forced concrete work               |                               |    |    |    |                  |
| 750.00 m <sup>3</sup> vide TMB, P-13                                 |                               |    |    |    |                  |
| + 682.19 m <sup>3</sup> " " P-24                                     |                               |    |    |    |                  |
| 1232.19 m <sup>3</sup> @ 6575.50/m <sup>3</sup> ₹ 8102265.00         |                               |    |    |    |                  |
| 59) Laying brick setting layer<br>on prepared sub-grade              |                               |    |    |    |                  |
| 1125.00 m <sup>2</sup> vide TMB, P-26                                |                               |    |    |    |                  |
| @ 486.78/m <sup>2</sup> ₹ 547628.00                                  |                               |    |    |    |                  |
| 510) Reinforced concrete<br>- concrete grade m-15 150 mm stone       |                               |    |    |    |                  |
| 3 Nos. vide TMB, P-27                                                |                               |    |    |    |                  |
| @ 2079.05/m <sup>3</sup> ₹ 6237.00                                   |                               |    |    |    |                  |
| 511) Reinforced concrete<br>- concrete grade m-15 200 mm stone       |                               |    |    |    |                  |
| 8 Nos. vide TMB, P-27                                                |                               |    |    |    |                  |
| @ 584.74/m <sup>3</sup> ₹ 4678.00                                    |                               |    |    |    |                  |
| 512) Reinforced concrete<br>- concrete grade m-15 boundary           |                               |    |    |    |                  |
| 1.52 Nos. vide TMB, P-27                                             |                               |    |    |    |                  |
| @ 476.90/m <sup>3</sup> ₹ 72489.00                                   |                               |    |    |    |                  |
| 513) Reinforcing and fixing of<br>non-reflective surface             |                               |    |    |    |                  |

Continuation

| Particulars                                               | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                           | No.                           | L. | B. | D. |                  |
| 10.600 mm circular                                        |                               |    |    |    |                  |
| 26 Nos. vide TMB, P-27                                    |                               |    |    |    |                  |
| @ 3687.98/Nos. ₹                                          |                               |    |    |    | 95887.00         |
| 12.600 mm circular                                        |                               |    |    |    |                  |
| 6 Nos. vide TMB, P-27                                     |                               |    |    |    |                  |
| @ 4959.90/Nos. ₹                                          |                               |    |    |    | 29759.00         |
| 5.000 x 6.000 mm rectangular                              |                               |    |    |    |                  |
| 2 Nos. vide TMB, P-27                                     |                               |    |    |    |                  |
| @ 4689.63/Nos. ₹                                          |                               |    |    |    | 9389.00          |
| 5.000 mm side octagon                                     |                               |    |    |    |                  |
| 4 Nos. vide TMB, P-27                                     |                               |    |    |    |                  |
| @ 8853.72/Nos. ₹                                          |                               |    |    |    | 35423.00         |
| 14.000 mm side square with 1st applied thermoplastic      |                               |    |    |    |                  |
| 7.000 m <sup>2</sup> vide TMB, P-27                       |                               |    |    |    |                  |
| @ 7352.40/m <sup>2</sup> ₹                                |                               |    |    |    | 5148.00          |
| 5.000 mm side square with 1st applied thermoplastic - do. |                               |    |    |    |                  |
| 625.80 m <sup>2</sup> vide TMB, P-27                      |                               |    |    |    |                  |
| @ 820.83/m <sup>2</sup> ₹                                 |                               |    |    |    | 333093.00        |
| 16.000 mm side square of RCC pipe 300 mm dia.             |                               |    |    |    |                  |
| 37.50 mm vide TMB, P-28                                   |                               |    |    |    |                  |
| @ 834.01/m <sup>2</sup> ₹                                 |                               |    |    |    | 31275.00         |
| 17.000 mm side square of reinforcement steel - do.        |                               |    |    |    |                  |
| 1 Nos. vide TMB, P-28                                     |                               |    |    |    |                  |
| @ 2741.66/Nos. ₹                                          |                               |    |    |    | 2742.00          |

Continuation

| Particulars                                                     | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                 | No.                           | L. | B. | D. |                  |
| (18) Providing and fixing of<br>ditch along project - do        |                               |    |    |    |                  |
| 2 Nos. vide TMB, P-23                                           |                               |    |    |    |                  |
| + 5 Nos. " " P-28                                               |                               |    |    |    |                  |
| 8856.06/m³                                                      |                               |    |    |    | 53126.200        |
| (19) Planting of tree by the<br>road side, as per specification |                               |    |    |    |                  |
| 200 Nos. vide TMB, P-28                                         |                               |    |    |    |                  |
| 800.30/m³                                                       |                               |    |    |    | 160060.200       |
| (20) Earth work in excavation<br>for foundation as per spec.    |                               |    |    |    |                  |
| 78.19 m³ vide TMB, P-103                                        |                               |    |    |    |                  |
| + 15.02 m³ " " P-15                                             |                               |    |    |    |                  |
| 94.07 m³ (1 unit = 93.9 m³)                                     |                               |    |    |    |                  |
| 260.59/m³                                                       |                               |    |    |    | 24485.200        |
| (21) Providing and leveling<br>causeway foundation - do         |                               |    |    |    |                  |
| 16.85 m³ vide TMB, P-18                                         |                               |    |    |    |                  |
| + 0.85 m³ " " P-17                                              |                               |    |    |    |                  |
| 17.10 m³ @ 489.56/m³                                            |                               |    |    |    | 83731.200        |
| (22) Brick masonry work<br>in coping in head wall - do          |                               |    |    |    |                  |
| 69.10 m³ vide TMB, P-13                                         |                               |    |    |    |                  |
| + 13.78 m³ " " P-17                                             |                               |    |    |    |                  |
| 82.83 m³ vide TMB, P-13                                         |                               |    |    |    |                  |
| 5802.66/m³                                                      |                               |    |    |    | 48065.200        |
| (23) Providing and laying<br>RCC pipe 1500mm dia.               |                               |    |    |    |                  |

Continuation

| Particulars                                             | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                         | No.                           | L. | B. | D. |                  |
| 37.50 mtr. wide TMB, P-16                               |                               |    |    |    |                  |
| + 7.50 mtr. " " P-17                                    |                               |    |    |    |                  |
| 45.00 mtr. @ 1738.86/mtr. ₹                             |                               |    |    |    | 78269.00         |
| (24) Plastering north cement mortar (1:4) on brick work |                               |    |    |    |                  |
| 190.75 m <sup>2</sup> wide TMB, P-16                    |                               |    |    |    |                  |
| + 38.15 m <sup>2</sup> " " P-17                         |                               |    |    |    |                  |
| 228.90 m <sup>2</sup> @ 1750.32/m <sup>2</sup> ₹        |                               |    |    |    | 40131.00         |
| (25) Plastering 1.00 m cement                           |                               |    |    |    |                  |
| burning plastering as per                               |                               |    |    |    |                  |
| 45.60 m <sup>2</sup> wide TMB, P-16                     |                               |    |    |    |                  |
| + 9.12 m <sup>2</sup> " " P-17                          |                               |    |    |    |                  |

54.72 m<sup>2</sup> @ 46.52/m<sup>2</sup> ₹ 2547.00

(26) Painting two coats in red

Concrete surface as per

188.64 m<sup>2</sup> wide TMB, P-28

@ 96.60/m<sup>2</sup> ₹ 18185.00

Total ₹ 160637.33

Add GST @ 12% ₹ 19276.48

Add L.C. @ 1% ₹ 1606.37

Total ₹ 181520.18

Less for bill ₹ 97011.73

Net Bill ₹ 84508.45

24/03/2022

Continuation

24-3-22